

ABSTRACT OF THE DISCLOSURE

10 A system and a method are described for detecting the line status (on-hook/off-hook) of a telephone terminal connected in parallel with a second communications terminal at a customer premises using a loop voltage detection circuit. The telephone terminal and second communications terminal being connected to the Public Switched Telephone Network (PSTN). The system detects a transition on Tip with respect to Ring on a telecommunications transmission line and ensures that the transition is of sufficient duration before providing an output. The system will ignore glitches, transient open circuits, TIP/RING polarity reversal, TIP ground and/or RING ground and Ringing. The system will detect line status for positive or negative TIP/RING polarity.